

SEQUENCE LISTING

<110> Clawson, Gary A.
 Pan, Wei-Hua
 Xin, Ping

<120> RNA Interference Compositions and
 Methods

<130> 14017/009US1

<140> US 10/552,914

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<150> 60/449,066

<151> 2003-02-21

<160> 55

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<211> 19

<212> DNA

<213> Human papillomavirus

<400> 1

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19

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ccggaaaguu accacaguu

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19

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 tgtgagatct ttttctaga 139

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 <213> Human papillomavirus

<400> 18
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 actcagatct ttttctaga 139

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tggaagatct ttttctaga	139

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<212> DNA

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agttgttaat tccaagggtc tgcgcaacga cgacgatgag gtaccacatc gtcgtcgttg	180
cgcactgatg aggccgtgag gccgaaacc ttgacgcgtt cctatgcggc cgctctagga	240
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 ctgggttaat tccaaggggc tgcgcaacga cgacgatgag gtaccacatc gtcgtcgttg 180
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 tctttttcta ga 252

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 actgagatcc acagttgctg atgagtccaa ttggacgaaa cggtactcga gtaccgtcca 180
 actgtggtaa ctttccgggt tgacggagaa ttctccgtcc tgatgagtcc ggccggacga 240
 aacccggaag atctttttct aga 263

<210> 26
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 <212> DNA
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 atctgtgaga tccgcacaga gctgatgagt ccaattggac gaaacggtac tcgagtaccg 180
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actcatggag	ttactgatga	gtccaattgg	acgaaacggt	actcgagtac	cgtctaactc	180
cacagtagct	ccaaattgac	ggagaattct	ccgtcctgat	gagtcaggcc	ggacgaaatt	240
tggaagatct	ttttctaga					259

<210> 28
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 28						
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aaggctgtta	gagagataat	tagaattaat	ttgactgtaa	acacaaagat	attagtacaa	120
aatacgtgac	gtagaaagta	ataattttcct	gggtagtttg	cagtttttaa	aattatgttt	180
taaaaatggac	tatcatatgc	ttaccgtaac	ttgaaagtat	ttcgattttct	tggctttata	240
tatcttgtgg	aaaggacgaa	acacc				265

<210> 29
 <211> 670
 <212> DNA
 <213> Mus musculus

<400> 29						
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gacactactt	aacataggga	cgagatggta	ctttgtgtct	cctgctctgt	cagcagggca	180
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<220>
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tccgtgagga	cgaaactgtg	gtaactttct	gggtcaattg	atccgtcgac	ggatgtagat	180
ccgtcctgat	gagtccgtga	ggacgaaacg	gatctgcagc	ggatgatctt	tttctaga	238

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acagttgacg	gatgtagatc	cgtcctgatg	agtccgtgag	gacgaaactg	tggttaacttt	180
ctgggtcaat	tccaagggtc	tgcgcaacga	cgacgatgag	gtaccacatc	gtcgtcgttg	240
cgcactgatg	aggccgtgag	gccgaaaccc	ttgacgcggt	cctatgcggc	cgctctagga	300
tctttttcta	ga					312

<210> 32

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<212> DNA

<213> Artificial Sequence

<220>

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tccgtgagga	cgaaagtgca	taactgtggt	aacttaattg	atccgtcgac	ggatgtagat	180
ccgtcctgat	gagtccgtga	ggacgaaacg	gatctgcagc	ggatgatctt	tttctaga	238

<210> 33

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<212> DNA

<213> Artificial Sequence

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<223> Cassette

<400> 33

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gcacttgacg	gatgtagatc	cgtcctgatg	agtccgtgag	gacgaaagtg	cataactgtg	180
gtaacttaat	tccaagggtc	tgcgcaacga	cgacgatgag	gtaccacatc	gtcgtcgttg	240
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<210> 34

<211> 364

<212> DNA

<213> Artificial Sequence

<220>

<223> Cassette

<400> 34

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ctcagatctc	tcgagcaatt	gatccgtcga	cggatgtaga	tccgtcctga	tgagtccgtg	120
aggacgaaac	ggatctgcag	cggatatcca	gcttttgaac	cctgatgagt	ccgtgaggac	180
gaaacgatga	cattctgctg	accagattca	cggtcagcag	aatgtcatcg	tcggttccag	240
gatccttgcc	tgaattccaa	gggtctgcgc	aacgacgacg	atgagggtacc	acatcgctcg	300
cgttgccgcac	tgatgaggcc	gtgaggccga	aacccttgac	gcgttcctat	gcggccgctc	360

taga

364

<210> 35

<211> 531

<212> DNA

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<223> Cassette

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gcgcaacgac	gacgatgagg	taccacatcg	tcgtcgttgc	gcactgatga	ggccgtgagg	480
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<213> Artificial Sequence

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gtcctgatga	gtccgtgagg	acgaaagtgc	ataactgtgg	taacttaatt	ccaagggctc	420
gcgcaacgac	gacgatgagg	taccacatcg	tcgtcgttgc	gcactgatga	ggccgtgagg	480
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<210> 38

<211> 514

<212> DNA

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tgaggacgaa	actccacagt	agctccaaat	taattgatcc	gtcgacggat	gtagatccgt	180
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catcgtcggt	tccaggatca	atttggagct	actgtggagt	tgacggatgt	agatccgtcc	360
tgatgagtcc	gtgaggacga	aactccacag	tagctccaaa	ttaattccaa	gggtctgcgc	420
aacgacgacg	atgaggtagc	acatcgtcgt	cgttgcgcac	tgatgaggcc	gtgaggccga	480
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<211> 169

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aagttaccac	agttgttcaa	gacccaactg	tggttaacttt	ccgggttgac	ggagaattct	120
ccgtcctgat	gagtcgggcc	ggacgaaacc	cggaagatct	ttttctaga		169

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<213> Artificial Sequence

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acagttatgc	acagattcaa	gacctctgtg	cataactgtg	gtaacttgac	ggagaattct	120
ccgtcctgat	gagtcgggcc	ggacgaaagt	taccagatct	ttttctaga		169

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 <213> Human papillomavirus

<400> 43
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<400> 44
 aacuguggua acuuucuggg uc 22

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<400> 45
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<400> 46
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<400> 47
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<210> 49
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 <213> Human hepatitis virus B

<400> 49
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<400> 51
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<400> 52
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<210> 54
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<400> 54

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21

<210> 55

<211> 8

<212> DNA

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8